

## EAST Search History

| Ref # | Hits  | Search Query  | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| S1    | 11    | (("20030062614") or ("20030148597") or ("5506753") or ("5909058") or ("6002165") or ("6060774") or ("6184064") or ("6208521") or ("6225695") or ("6297548") or ("6433418")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR               | OFF     | 2006/04/24 15:27 |
| S2    | 19761 | ((438/612,109) or (257/688,691,693, 723,737,780,696,727,686,712,666)). CCLS.  | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR               | OFF     | 2006/04/04 09:57 |
| S3    | 14516 | S2 and @pd<"20030330"   | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR               | ON      | 2006/04/04 09:57 |
| S4    | 336   | S3 and (stacked adj (die or dice or chip))  | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR               | ON      | 2006/04/04 10:07 |
| S5    | 61    | S4 and spacer   | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR               | ON      | 2006/04/04 10:07 |
| S6    | 5     | S5 and ("active circuitry" or "flash memory array" or "logic circuitry")  | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR               | ON      | 2006/04/04 10:08 |
| S7    | 2034  | (stacked adj (die or dice or chip))   | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR               | ON      | 2006/04/04 10:07 |
| S8    | 336   | S7 and spacer   | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR               | ON      | 2006/04/04 10:49 |
| S9    | 10    | S8 and ("active circuitry" or "flash memory array" or "logic circuitry")  | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR               | ON      | 2006/04/24 10:37 |

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|-----|-----|--|---|----|----|------------------|
| S10 | 393 | S7 and (spacer or "support structure")     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/04 10:48 |
| S11 | 76  | S7 and ("support structure")               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/04 10:49 |
| S12 | 55  | S7 and (spacer near5 silicon)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/04 10:50 |
| S13 | 8   | S7 and ("support structure" near5 silicon) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/04 10:49 |
| S14 | 1   | ("2003/0111716").URPN.                     | USPAT   | OR | ON | 2006/04/04 11:09 |
| S15 | 348 | "bonding pad" near size                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/21 13:31 |
| S16 | 21  | S15 and spacer                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/21 13:10 |
| S17 | 0   | "bonding pad" near "1mm"                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/21 13:30 |
| S18 | 0   | "bonding pad" near "1 mm"                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/21 13:30 |
| S19 | 0   | "bonding pad" near "1000 micron"           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/21 13:51 |

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|-----|-------|--|---|----|-----|------------------|
| S20 | 0     | "bonding pad" near "die edge"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/04/21 13:31 |
| S21 | 1014  | "bonding pad" near5 size   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/04/21 13:31 |
| S22 | 288   | "bonding pad" adj3 size  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/04/21 13:39 |
| S23 | 0     | "bonding pad" near "300 micrometer"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/04/21 13:51 |
| S24 | 1     | 10/790907  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/04/21 15:37 |
| S25 | 19840 | ((438/612,109) or (257/688,691,693,<br>723,737,780,696,727,686,712,666)).<br>CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2006/04/24 10:37 |
| S26 | 14516 | S25 and @pd<"20030330"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/04/24 10:37 |
| S27 | 336   | S26 and (stacked adj (die or dice or<br>chip))                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/04/24 10:37 |
| S28 | 0     | S27 and "flash memory array"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/04/24 10:37 |
| S29 | 32    | S27 and "flash memory"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/04/24 10:38 |

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|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S30 | 2     | S25 and ((buss same memory) same (electronic adj system))                    | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON  | 2006/04/24 11:14 |
| S31 | 43522 | (electronic adj system)  | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON  | 2006/04/24 11:14 |
| S32 | 27    | S31 and (memory near5 (coupled or attached) near5 buss)                      | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON  | 2006/04/24 11:17 |
| S33 | 1     | S31 and ((flash adj memory) near5 (coupled or attached) near5 buss)          | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON  | 2006/04/24 11:18 |
| S34 | 3673  | S31 and ((flash adj memory))   | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON  | 2006/04/24 16:11 |
| S35 | 9     | S34 and ((coupled or attached) near5 buss)                                   | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON  | 2006/04/24 11:21 |
| S36 | 1579  | S31 and (buss)   | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON  | 2006/04/24 11:20 |
| S37 | 10    | S36 and ((flash adj memory) near10 (coupled or attached))                    | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON  | 2006/04/24 11:21 |
| S38 | 1     | ("6493861").PN.  | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/04/24 15:28 |
| S39 | 19840 | ((438/612,109) or (257/688,691,693, 723,737,780,696,727,686,712,666)). CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/04/24 15:40 |

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|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S40 | 14516 | S39 and @pd<"20030330"                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/24 15:40 |
| S41 | 336   | S40 and (stacked adj (die or dice or chip)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/24 15:41 |
| S42 | 336   | S41 and (dummy (chip or die))               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/24 15:41 |
| S43 | 7     | S41 and (dummy adj (chip or die))           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/24 15:41 |
| S44 | 87173 | ((flash adj memory))                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/24 16:12 |
| S45 | 44797 | S44 and (bus or buss)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/24 16:12 |
| S46 | 16742 | S44 and (coupled adj3 (bus or buss))        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/24 16:12 |
| S47 | 679   | S46 and "electronic system"                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/24 16:30 |
| S48 | 111   | S47 and "semiconductor device"              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/24 16:31 |
| S49 | 4     | S48 and (electrically adj connected)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/24 16:13 |

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|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S50 | 41    | S48 and @pd<"20040329"                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/24 16:31 |
| S51 | 43522 | "electronic system"                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/24 16:30 |
| S52 | 1074  | S51 and (memory near5 (coupled adj3<br>(bus or buss))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/24 16:30 |
| S53 | 137   | S52 and "semiconductor device"                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/24 16:31 |
| S54 | 71    | S53 and @pd<"20040329"                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/04/24 16:31 |